

METHODS FOR RAISING PRE-ADULT ANADROMOUS FISH
ABSTRACT OF THE DISCLOSURE

The invention relates to methods, compositions and kits for improving the raising of pre-adult anadromous fish, or preparing pre-adult anadromous fish for transfer to
5 seawater. The methods involve adding at least one Polyvalent Cation Sensing Receptor (PVCR) modulator to the freshwater in an amount sufficient to increase expression and/or sensitivity of at least one PVCR; and adding feed for fish consumption to the freshwater, wherein the feed comprises an amount of NaCl sufficient to contribute to a significantly increased level of the PVCR modulator in serum of the pre-adult
10 anadromous fish.